

### ABSTRACT

This invention relates to a dense ceramics having ESD dissipative characteristics, tunable volume and surface resistivities in semi-insulative range ( $10^3$  -  $10^{11}$  Ohm-cm), substantially pore free, high flexural strength, light colors, for desired ESD dissipation characteristics, structural reliability, high vision recognition, low wear and particulate contamination to be used as ESD dissipating tools, fixtures, load bearing elements, work surfaces, containers in manufacturing and assembling electrostatically sensitive microelectronic, electromagnetic, electro-optic components, devices and systems.